

**AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph beginning on page 1 at line 14 with the following amended paragraph:

Prior approaches for modifying packet data are generally implemented through dedicated hardware, and allow for only limited and fixed categories of modifications such as the insertion or deletion of a VLAN, the replacement of a MAC Destination Address/Source Address (DA/SA), the decrementing of the Time To Live (TTL) field, or the incrementing of the TC field. For example, in one approach, VLAN insertion/deletion is performed in the MAC by a dedicated serial shift register and a hard coded state machine, and MAC DA/SA replacement and TTL decrementing is performed by a dedicated multi-plexor. Because these approaches are all “hard-coded,” they are inflexible and cannot easily accommodate the diverse types of packet modification operations required in current packet switching environments.

Please delete the section beginning on page 6 at line 1 entitled “Related Applications,” and replace it with the following replacement section:

**RELATED APPLICATIONS**

The following applications are commonly owned by the assignee hereof, are being filed on even date herewith, and are each incorporated by reference herein as though set forth in full:

Howrey Dkt. No.	Extreme Dkt. No.	Title
02453.0025.NPUS00	P111	PACKET PROCESSING SYSTEM ARCHITECTURE AND METHOD
02453.0025.NPUS01	P153	PACKET PROCESSING SYSTEM ARCHITECTURE AND

METHOD

02453.0026.NPUS00	P122	PACKET DATA MODIFICATION PROCESSOR
02453.0027.NPUS00	P124	SYSTEM AND METHOD FOR PACKET PROCESSOR STATUS MONITORING
02453.0028.NPUS00	P126	METHOD AND SYSTEM FOR INCREMENTALLY UPDATING A CHECKSUM IN A NETWORK DATA PACKET
02453.0029.NPUS00	P127	SYSTEM AND METHOD FOR EGRESS PACKET MARKING
02453.0030.NPUS00	P128	SYSTEM AND METHOD FOR ASSEMBLING A DATA PACKET
02453.0032.NPUS00	P125	PACKET DATA MODIFICATION PROCESSOR COMMAND INSTRUCTION SET
<u>02453.0043.PZUS00</u>	<u>P156</u>	<u>RECEIVE-SIDE PACKET PROCESSING SYSTEM</u>